2012 MAY 30 PM 3: 5!

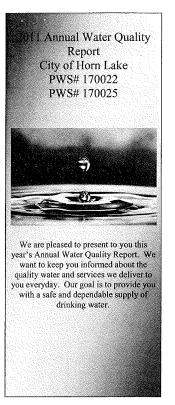
BUREAU OF PUBLIC WATER SUPPLY CALENDAR YEAR 2011 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM City of Horn Lake Public Water Supply Name 170022 & 170025 List PWS ID #s for all Water Systems Covered by this CCR The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request. Please Answer the Following Questions Regarding the Consumer Confidence Report Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other) Advertisement in local paper On water bills Other Date customers were informed: ____/___ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods: 5 /29/12 Date Mailed/Distributed: CCR was published in local newspaper. (Attach copy of published CCR for proof of publication) Name of Newspaper: Date Published: ____/__/ CCR was posted in public places. (Attach list of locations) Date Posted: _____/ CCR was posted on a publicly accessible internet site at the address: www. **CERTIFICATION** I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518

Name/Title (President, Mayor, Owner, etc.)

PRSRT STD US POSTAGE PAID MEMPHIS, TN PERMIT NO. 380

Horn Lake Utility and Sanitation Department 3101 Goodman Road West Horn Lake, MS 38637



Horn Lake Consumer Confidence Report

In Orth Laker Constituter Confinement export
Is my water safe years, as in years past, your tap water met all U.S. Environmental
Protection Agency (EPA) and state drinking water health standards.
The City of Horn Lake vigilantly safegaards the water supplies and
once again we are proud to report that our system has not violated a
maximum contaminant level or any other water quality standard
Where does my water come from
In 2011 our water department distributed 736,819,504 gallons of
water to our customers. Our water is groundwater pumped from a
natural underground aquifor, the Sparta Aquifor. The water is drawn
by wells.

by wells.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking

water to our customers. Our water is groundwater pouspost non a natural undergoonal aquafer, the Sperial Aquifer. The water is drawn by wells.

The property of the take special presentions?

Some people may be more voluterable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infactions. These people should sock advice about drinking water from their health cane provides. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infants are as a subsolution of the risk of infants and the risk of infants are some of the risk of infants are some of the risk of infants are some of the risk o

A MESSAGE FROM MSDH CONCERNINC RADDOLOGICAL SAMPLINC*

In accordance with the Radionachilets Rule, all community publiwater supplies were required to sample quarterly for radionachies lenging in the public water supplies were required to sample quarterly for radionachies supplies completed sampling by the scheduled deadline; towever during an audit of the Mississippl State Department of Healt Raddological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of raddologica compliance samples and results sutil further notice. Although this was not the result of inaction by the public water supply, MSDH was required to rissue a violation. This is to notify you that as of this date, your water system has not completed the monitoring requirements. The Bureaus of Public Water Supply has taken action on casure that your water system has not completed the monitoring requirements. The Bureaus of Public Water Supply has taken action on casure that your water system has not completed the monitoring requirements. The Bureau of Public Water Supply as flax, 13 (1), 11 you have any questions, please contact Melass Parker, Departy Director, Bureau of Public Water Supply, and 1, 367, 318.

Why are there contaminants in my drinking water?

March 31, 2013. If you have any questions, please contact Meluss Parker, Depuny Director, Boreau of Public Water Supply, a 601.576.518.

Why are there contaminants in my drinking water? Drunking water, including boulled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that proceedings of the contaminants of the process of the containing water, including boulled water, may reasonably be appeared to contaminants does not necessarily indicate that for the process of the proc

				Wa	ter Qua	lity Data	Table		
necessarily indicate	that the water po	oses a health	risk. Unless	t we detect	ed during to	he calendar	year of this r d in this table	report. The presence of contaminants in the water does not it is from testing done in the calendar year of the report. The EPA of these contaminants do not change frequently.	
	MCLG	MCL,				T			
	or	TT, or	Your	Rai	nge	Sample			
Contaminants	MRDLG	MRDL	Water	Low	<u>High</u>	<u>Date</u>	<u>Violation</u>	Typical Source	
Inorganic Contam	inants								
Cyanide [as Free Cn] (ppb)	200	200	< 15	< 15	< 15	2011	No	Discharge from plastic and fertilizer factories; Discharge from steel/metal factories.	
Antimony (ppb)	6	6	< 0.50	< 0.50	< 0.50	2011	No	Discharge from petroleum refineries; fire retardants; ceramics electronics; solder; test addition.	
Arsenic (ppb)	0	10	< 0.50	< 0.50	< 0.50	2011	No	Erosion of natural deposits; Runoff from orchards; Runoff fro glass and electronics production wastes.	
Barium (ppm)	2	2	0.0227	0.0142	0.0293	2011	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.	
Beryllium (ppb)	4	4	< 0.5	< 0.5	< 0.5	2011	No	Discharge from metal refineries and coal-burning factories; Discharge from electrical, acrospace, and defense industries.	
Cadmium (ppb)	5	5	< 0.5	< 0.5	< 0.5	2011	No	Corrosion of galvanized pipes; Erosion of natural deposits; Discharge from metal refineries; runoff from waste batteries at paints.	
Chromium (ppb)	100	100	1.47	0.523	3.152	2011	No	Discharge from steel and pulp mills; Erosion of natural deposits	
Fluoride (ppm)	4	4	< 0.1	< 0.1	< 0.1	2011	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	
Mercury [Inorganic] (ppb)	2	2	< 0.5	< 0.5	< 0.5	2011	No	Erosion of natural deposits; Discharge from refineries and factories; Runoff from landfills; Runoff from cropland.	
Selenium (ppb)	50	50	< 2.5	< 2.5	< 2.5	2011	No	Discharge from petroleum and metal refineries; Erosion of natural deposits; Discharge from mines.	
Thallium (ppb)	0.5	2	< 0.5	< 0.5	< 0.5	2011	No	Discharge from electronics, glass, and leaching from ore- processing sites; drug factories.	
Nitrate [measured as Nitrogen] (ppm)	10	10	0.17	< 0.08	0.37	2011	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.	
Nitrite [measured as Nitrogen] (ppm)	1	1	< 0.02	< 0.02	< 0.02	2011	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.	
Copper (ppm)	1.3	1.3=AL	0.14 (89 th percentile)	All sites b	elow AL	2011	No	Corrosion of household plumbing systems; Erosion of natural deposits; Leaching from wood preservatives.	
Lead (ppb)	0	15=AL	1.05 (87 th percentile)	All sites b	elow AL	2011	No	Corrosion of household plumbing systems; Erosion of natural deposits.	
Chlorine ² (ppm)	MRDLG = 4	MRDL≈4	1.05	0.78	1.60	2011	No	Water additive used to control microbes.	
Haloacetic Acids (HAA5) (ppb)	NA	60	6.0 (HAA5)	6.0	6.0	2011	No	Byproduct of drinking water chlorination.	
Total Trihalo- Methane (ppb)	0	80	11.31 (TTHM)	11.31	11.31	2011	No	Byproduct of drinking water chlorination.	



B8						
Term	Definition					
ppm	ppm: parts per million, or milligrams per liter (mg/L					
ppb	ppb: parts per billion, or micrograms per liter (µg/L).					
NA	NA; not applicable.					
ND	ND: Not detected.					
NR	NR: Monitoring not required, but recommended.					
	Drinking Water Definitions					
Term	Definition					
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.					
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.					
TT	TT: Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.					
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.					
Variance and Exemption	Variances and Exemptions: State or EPA permission not to meet an MCL or a treatment technique under certain conditions.					
MRDLG	Maximum residual disinfection level goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.					
MNR	MNR: Monitored, Not Regulated.					
MRDL MRDL MRDL MRDL MRDL MRDL MRDL MRDL						
MPL	MPL: State Assigned Maximum Permissible Level.					

CONSOLIDATED POSTAGE STATEME	NI Standard matt] :	Date & Time (D	o not Round Stamp)	2012 MAY 30 PM 3: 5:
		Mailer				2012 1111
Entry Point: (1) SCF-MEMPHI Presort: ALL	s, MEMPHIS, TN 38101-75	01				
	28906404 Mailing other holder Baber 3135 Ms	nc 11branch Rd , TN 38116	Organiza Prepared holder) Horn Lak 145839L 3101 Goo	nd Address of Individual or zation for Which Mailing is edd (if other than permit), ake Utility and Sanitation De II Neel Schaeffer ioodman Rd W ,ake, MS 38637		
CA10		Mailing		······································		1 HOrn La
Post Office of Mailing MEMPHIS TN 38101-7501	Fed Agency	Cost Code Statement Seque	ence No.		o. and Type of ontainers 0 -Sacks	Horn Lat Twin Lak
[X]Permit Imprint [X]Lett []Precanceled []Parc Stamps []Metered Total r	els - Machinable number of Pieces in Mai	[]CMM []Catalogs]Parcels - Irregular ling 5143	[]Marketing F		1 -1' Ltr Trays 19 -2' Ltr Trays 0 -EMM Ltr Trays 20 -TTL Ltr Trays 0 -Flat Trays 0 -Pallets 0 -Other	
			.,	Weight	192,8625	†
Permit No. 380	Weight of a Sing	icals []Bound Printed Matte				-
For Mail Enclosed within An For Automation Pieces, Ent- Address Matching and Coding	er Date of For Car	rier Route Pieces, Enter Dat Matching and Coding / /	te of For Carr		ces, Enter Date of	4
	,	e of delivery statistics fil			11	1
Move Undate method: []Anc		ent []FASTforward []NCOF			Method [Multiple	-
		Postage				
Parts Completed (Select al	l that apply) [X]A [X]	B []C []D []E []F []G	[]H []T []H []S	ASM[]	
[]Mailpiece is a product []Letter-size or flat mai	sample. lpiece contains DVD/CD		al Postage (Add p	oarts totals)	\$ 1023.89	
2 Price at Which Postage []Correct	[]Neither	pcs. x \$ metered or precanceled stam;		ostage Affixed	\$	
3			ve/Discount Flat	Dollar Amount	- \$	1
4			Fee Flat	Dollar Amount	+ \$	1
5 Permit No.		Net Postag	e Due (Line 1 +/	tines 2,3,4)	ş	
-		USPS Use Only				
Additional Postage Payment	(State reason)				ş	
For postage affixed add add for permit imprint add add	ditional payment to nel	postage due; 1 postage. T	otal Adjusted Po	stage Affixed	\$	
Postmaster: Report Total P			ljusted Postage P	ermit Imprint	ş	
		Cartification	200000000000000000000000000000000000000	, i i i i i i i i i i i i i i i i i i i	and the second of the second o	
		Certification	Type of Fee		ing.	~~
mailing, subject to appeal the mailer and that the ma liable for any deficiencie certifies that all informa documentation comply with	cifies acceptance of l If an agent signs the client is bound by the client sesuiting from matter theoretical from this all postal standards are prohibited by law outs information who omits information.	ability for and agreement t.s form, the agent certifies retrification and agrees to p ps within their responsibility form is accurate, truthful, do the mailing qualifies for postal regulation. I unders a requested on this form may rever your Notice: for informati	to pay any revenues that he or she bay any deficience (ity, knowledge, of and complete; to the prices and stand that anyone by be subject to complete	is authorized ies. In additing a control. The hat the mail a fees claimed; who furnishes timinal and/or	to sign on benair or ion, agents may be a mailer hereby and the supporting and that the mailing s false or misleading r civil penalties,	
Signature of Warter or Age	ent III	Printed Name of Mai Tom Bartlett	iler or Agent Sig	ning Form	Telephone 901-497-4873	
/ -	USPS Use Only	- To be completed in non-				
Weight of a Single Piece		Are postage figures at le mailer's entries? If yes	eft adjusted from s, reason;	()	Yes No	
	Total Weight	4		Г.	Bound Chame (Dans)	
Total Postage					Round Stamp (Required Payment Date	"
Presort Verification Performance [] Yes [] I CERTIFY that this mailing for each item below if reconstructions are selected to the selected t	No ng has been inspected					
(1) eligibility for posta (2) proper preparation (a)	ge prices claimed;	Date Mailer Notified	Contact			
(3) proper completion of (4) payment of annual fee	postage statement; ; and	By (Initials)	Time	AM		
(5) sufficient funds on d	eposit (if req.).	Print USPS Employees's Na	ATTOR	PM		
HEDE Employee's Stanature		I PERMIT OURS EMPLOYEES 3 NO	MANG.	l l		i



2012 MAY 30 PM 3: 50

angineers

planners

surveyors

environmental

landscape architects

scientists

May 29, 2012 N-S Project No. 6.05899.000.015

Ms. Karen Walters
Director of Compliance and Enforcement
Water Supply Division
Mississippi Department of Health
P. O. Box 1700
Jackson, MS 39215-1700

Re:

City of Horn Lake, Mississippi

2011 Consumer Confidence Report

Dear Ms. Walters:

Enclosed please find a copy of the 2011 Consumer Confidence Report (CCR) Certification Statement, the CCR, the proof of distribution for the two public water systems operated by the City of Horn Lake. This should fulfill the City of Horn Lake's requirements by the Federal Safe Drinking Water Act for 2011.

If there are any questions or concerns, please contact me at 662-890-6404.

Sincerely,

NEEL-SCHAFFER, INC.

Jason Allen

Project Engineer

JA/jl

Enclosures

c: Spencer Shields, Director of Public Works